| <br> | Clair |  |
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| Appl | ication/Cor | itrol No. |
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Applicant(s)/Patent under Reexamination

10/665,787

BUCHNER ET AL.

Examiner

Art Unit

Aung T. Win

2617

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla      | im       |                |   |          |              | Dat  | е            |                  |          |                                     | ] | Cla  | im       |            |              |   |          | Dа       |
|----------|----------|----------------|---|----------|--------------|--|--------------|------------------|----------|-------------------------------------|---|--|----------|------------|--------------|---|----------|----------|
| Final    | Original | 12/4/06        |   |          |              |  |              |                  |          | 8                                   |   | Finat  | Original |            |              |   |          |          |
|          | 1        | <b>√</b>       |   |          | T            |  |              |                  |          |                                     | ĺ |  | 51       |            |              |   |          | Г        |
|          | 2        | <b>√</b>       |   |          |              |  |              |                  |          |                                     | 1 |  | 52       |            |              |   |          | Г        |
|          | 3        | <b>V</b>       |   | Г        | П            |  |              | Г                | Г        | Г                                   | 1 |  | 53       |            |              |   |          | Γ        |
|          | 4        | ✓              |   |          |              |  |              |                  |          |                                     | ] |  | 54       |            |              |   |          | Г        |
|          | 5        | <b>√</b>       |   |          |              |  |              |                  |          |                                     |   |  | 55       |            |              |   |          | Г        |
|          | 6        | <b>√</b>       |   |          | Π            |  |              |                  |          |                                     | ] |  | 56       |            |              |   |          | Γ        |
|          | 7        |                |   |          |              |  |              |                  |          |                                     |   |  | 57       |            |              |   |          | Г        |
|          | 8        |                |   |          |              |  |              |                  |          |                                     |   |  | 58       |            |              |   |          |          |
|          | 9        |                |   |          |              | L  |              |                  |          |                                     | ] |  | 59       |            |              |   |          | L        |
|          | 10       |                |   |          |              | L  |              |                  |          |                                     |   |  | 60       |            |              |   |          | L        |
|          | 11       |                |   |          |              |  |              |                  |          |                                     |   |  | 61       |            |              |   |          | L        |
|          | 12       |                |   |          |              |  |              |                  | L        | L                                   |   |  | 62       |            |              |   |          | L        |
|          | 13       |                |   | _        | L            | 匚  |              | <u> </u>         | L        |                                     |   |  | 63       |            | L            | L   |          | L        |
|          | 14       |                |   |          |              | L  |              |                  | L        |                                     |   |  | 64<br>65 |            | _            |   |          | L        |
|          | 15       |                |   | L.       |              |  |              |                  |          | L                                   |   |  | 65       |            | L            | 匚   |          | L        |
|          | 16       |                |   |          |              |  |              | <u> </u>         |          | L                                   |   |  | 66       |            |              |   |          | L        |
| L        | 17       |                |   |          |              |  | _            |                  |          | _                                   |   |  | 67       |            |              | Ш   |          | L        |
| L        | 18       |                |   |          |              |  | <u> </u>     | _                | _        |                                     |   | L  | 68       |            | _            |   |          |          |
|          | 19       |                |   |          |              |  |              |                  |          | L                                   |   |  | 69       |            |              |   |          |          |
|          | 20       |                |   |          | L            | 乚  |              | _                |          |                                     | ] |  | 70       |            |              | L   |          | L        |
|          | 21       |                |   |          |              | _  | L            |                  | L        |                                     |   |  | 71       |            |              | L   |          | L        |
|          | 22       |                |   |          |              |  | į            |                  |          |                                     |   |  | 72       | _          |              |   |          | L        |
|          | 23       |                |   | _        | L            | _  |              |                  |          | L.                                  |   | <u> </u>   | 73       | _          |              | $oxed{oxed}$  |          | L        |
|          | 24       |                |   | L        | L            | _  | L.           |                  |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |  | 74       |            | <u> </u>     | $ldsymbol{ld}}}}}}$ |          | L        |
|          | 25       |                |   | _        |              | _  | _            |                  | _        |                                     | 1 | L  | 75       |            | _            |   |          | L        |
|          | 26       |                |   |          |              | L  |              | <u> </u>         |          | _                                   |   | <u> </u>   | 76       |            | _            | <u> </u>  |          | L        |
|          | 27       |                |   |          |              |  |              |                  |          | <u> </u>                            |   | <u></u>  | 77       |            |              | _   |          | L        |
|          | 28       |                |   | _        | <u> </u>     | <u> </u>   | L_           | _                | <u> </u> | L.                                  |   |  | 78       | L          | _            |   |          | L        |
|          | 29       |                |   |          | <u> </u>     |  | L_           | L                | _        | _                                   |   |  | 79       |            |              |   |          | <u> </u> |
|          | 30       |                |   |          | <u> </u>     | _  | _            |                  | L_       | _                                   |   |  | 80       |            | _            | <u> </u>  |          | L        |
|          | 31       |                |   |          | L            | _  |              | _                | _        | _                                   |   |  | 81       |            | L            | <u> </u>  |          | L        |
|          | 32       |                |   | _        |              | _  | <u> </u>     | L                |          | L_                                  | ļ |  | 82       | _          |              | _   |          | ļ.,      |
|          | 33       | Ш              |   | <u> </u> | <u> </u>     | <u> </u>   | ┡            | <u> </u>         | _        | <u> </u>                            | Į |  | 83       | lacksquare | <u> </u>     |   |          | ┡        |
|          | 34       | <u> </u>       |   | $\vdash$ | $\vdash$     | <u> </u>   | <b> </b>     | $\vdash$         | $\vdash$ | <u> </u>                            | l | <u> </u>   | 84       | $\vdash$   | $\vdash$     | $\vdash$  |          | $\vdash$ |
| <u> </u> | 35       | $\vdash$       |   |          | <u> </u>     | $\vdash$   | ├            | -                | <u> </u> | <u> </u>                            | ł | <u> </u>   | 85       | <u> </u>   | ├—           | <u> </u>  |          | -        |
|          | 36       | Н              |   | <u> </u> | <u> </u>     | <del> </del> —                                   | _            | <u> </u>         | ├-       | _                                   |   | <u> </u>   | 86       | <u> </u>   | ├—           | $\vdash$  |          | ┞        |
|          | 37       | $\vdash$       | - | $\vdash$ | $\vdash$     | <u> </u>   | -            |                  | ⊢        | ₩                                   | ł | <del> </del>                                     | 87       | -          | ├            | <u> </u>  | -        | ⊢        |
| <b>_</b> | 38       | H              |   | <u> </u> |              | -  | <u> </u>     | <u> </u>         | -        | ├-                                  | { | ├  | 88       | <u> </u>   | $\vdash$     | $\vdash$  | _        | $\vdash$ |
| <u> </u> | 39       | $\vdash$       | _ | <u> </u> | ├            | -  | 1            | $\vdash$         | $\vdash$ | -                                   | 1 | <u> </u>   | 89<br>90 | $\vdash$   | ├—           | <u> </u>  | -        | $\vdash$ |
|          | 40       | $\vdash\vdash$ |   | -        | <del> </del> | $\vdash$   | -            | -                | $\vdash$ | $\vdash$                            | ł | $\vdash$   |          |            | <del> </del> | <del> </del>  |          | ⊢        |
|          | 41       |                | _ | -        | $\vdash$     | -  | 1            | <u> </u>         | -        | ├                                   | ł | ├─   | 91<br>92 | $\vdash$   | $\vdash$     | $\vdash$  | -        | ┝        |
|          | 42<br>43 | $\vdash$       |   | $\vdash$ | $\vdash$     | ├-   | -            | $\vdash$         | ├-       |                                     | ł | <b></b>  | 93       | H          | $\vdash$     | $\vdash$  | $\vdash$ | +        |
|          | 44       | $\vdash$       |   | $\vdash$ | $\vdash$     | -  | -            | $\vdash$         | ├-       | ├                                   | 1 | <del> </del>                                     | 93       | -          | -            | $\vdash$  | -        | $\vdash$ |
|          | 45       | $\vdash$       |   | ├        | $\vdash$     | $\vdash$   | <b></b>      | ├                | -        | -                                   | 1 | <u> </u>   | 95       | -          | <del> </del> | $\vdash$  | _        | ⊢        |
|          | 45       | H              |   | ├        | -            | $\vdash$   | ⊢            | ├                | -        | ├                                   | 1 |  | 96       | $\vdash$   | $\vdash$     | -   |          | ╁        |
| <u> </u> | 47       | -              |   | ├        | $\vdash$     | ļ  | -            | $\vdash$         | $\vdash$ | ╁                                   | ł | <b>-</b>   | 97       | -          |              | -   | <b>—</b> | ⊦        |
| <u> </u> | 47       | H              |   | -        | $\vdash$     | -  | $\vdash$     | $\vdash$         | ⊢        | -                                   | 1 | $\vdash$   | 98       | $\vdash$   | ├─           | <del> </del>  | $\vdash$ | $\vdash$ |
|          | 49       | <del> </del>   |   | -        | $\vdash$     | <del>                                     </del> | <del> </del> | <del>  -  </del> | $\vdash$ |                                     | ł | <del>                                     </del> | 99       | $\vdash$   | $\vdash$     | Н   | _        | $\vdash$ |
| -        | 50       |                |   | $\vdash$ | $\vdash$     | -  | -            | $\vdash$         | -        | $\vdash$                            | ł | $\vdash$   | 100      | $\vdash$   | $\vdash$     | $\vdash$  | -        | ╁        |
|          | 1 30     | Ц              | Щ | L        | I            | L  | Ь            |                  |          | Щ                                   | J | Щ_   |          |            | L            | Щ.  | ٠        | Ц.       |

| Cla      | im       |          |           |          |          | Date | <del></del> |          |          |          |
|----------|----------|----------|-----------|----------|----------|------|-------------|----------|----------|----------|
|          |          |          |           |          |          |      |             |          |          |          |
| Final    | Original |          |           |          |          |      |             |          |          |          |
|          | 51<br>52 |          |           |          |          |      |             |          |          |          |
|          | 52       |          |           |          |          |      |             |          |          |          |
|          | 53       |          |           |          |          |      |             |          |          |          |
|          | 54       |          |           |          |          |      |             |          |          |          |
|          | 54<br>55 |          |           |          |          |      |             |          |          |          |
|          | 56       |          |           |          |          |      |             |          |          |          |
|          | 57       |          |           | Г        |          |      |             |          |          |          |
|          | 58       |          |           |          |          |      |             |          |          |          |
|          | 59       |          | П         | Г        |          |      |             |          |          |          |
|          | 60       |          |           |          | _        |      | _           | _        |          |          |
|          | 61       |          |           |          |          |      |             |          |          |          |
|          | 62       |          |           |          |          |      |             |          |          |          |
|          | 62<br>63 |          |           | Г        |          |      |             |          |          |          |
|          | 64       |          |           |          |          |      |             |          |          |          |
|          | 65       |          |           | Г        |          |      |             |          |          |          |
|          | 66       |          |           | П        |          |      |             |          |          |          |
|          | 67       |          |           |          |          |      |             |          |          |          |
|          | 68       |          |           |          |          |      |             |          |          |          |
|          | 68<br>69 |          |           |          |          |      |             |          |          |          |
|          | 70       |          |           |          |          |      |             |          |          |          |
|          | 71       |          |           | Г        |          |      |             |          |          |          |
|          | 71<br>72 |          |           |          |          |      |             |          |          |          |
|          | 73       |          |           |          |          |      |             |          |          |          |
|          | 74       |          |           |          |          |      |             |          |          |          |
|          | 75       |          |           |          |          |      |             |          |          |          |
|          | 76<br>77 |          |           | L        |          |      |             |          |          |          |
| ļ        | 77       |          |           | _        |          |      |             |          |          |          |
| <u> </u> | 78       |          |           | <u> </u> |          |      |             |          |          |          |
| <u> </u> | 79       |          |           |          |          |      |             |          | <u> </u> |          |
| <u></u>  | 80       | _        | _         | <u> </u> |          |      |             | _        |          |          |
| <u> </u> | 81       |          |           | <u> </u> |          |      |             |          | ļ        |          |
| -        | 82       |          |           | <u> </u> |          |      |             |          |          | <u> </u> |
|          | 83       | $\vdash$ | L         | <u> </u> |          |      | L           |          | _        | <u> </u> |
| <u> </u> | 84       | $\vdash$ | <u> </u>  | <u> </u> |          |      | <b> </b>    | <u> </u> |          | <u> </u> |
| -        | 85       | <u> </u> | <u></u> - | <u> </u> | ļļ       |      | <b></b> -   | <u> </u> |          | $\vdash$ |
| -        | 86       |          | <u> </u>  | <u> </u> |          |      |             | <u> </u> | $\vdash$ | <u> </u> |
| <u> </u> | 87<br>88 | Н        | $\vdash$  | -        | $\vdash$ |      | -           |          | -        | <u> </u> |
| -        | 89       | $\vdash$ | $\vdash$  | $\vdash$ |          |      | H           | <u> </u> | -        | ├-       |
| -        | 90       | $\vdash$ | _         | $\vdash$ | -        | -    | $\vdash$    | $\vdash$ | $\vdash$ |          |
| -        | 91       |          |           | -        |          |      |             | $\vdash$ | -        | -        |
| $\vdash$ | 92       | $\vdash$ | $\vdash$  | $\vdash$ | $\vdash$ | -    | $\vdash$    | _        | $\vdash$ |          |
| -        | 93       | Н        | $\vdash$  | $\vdash$ |          | -    | H           |          | $\vdash$ | $\vdash$ |
| <b> </b> | 94       | -        | -         | $\vdash$ |          |      |             | <u> </u> | Н        |          |
|          | 95       |          | -         | 1        |          |      |             | _        | Н        |          |
|          | 96       | $\vdash$ |           |          |          |      |             |          |          | -        |
|          | 97       |          |           |          |          |      |             |          | Г        |          |
|          | 98       | П        |           |          |          |      | П           |          |          |          |
|          | 99       |          |           |          |          |      |             |          | Г        |          |
|          | 100      |          |           |          |          |      |             |          |          |          |

| Cla   | aim                                    | Date     |                                     |               |              |  |          |              |          |                 |
|-------|--|----------|-------------------------------------|---------------|--------------|--|----------|--------------|----------|-----------------|
|       |  |          |                                     |               |              |  |          |              |          |                 |
| Final | Original                               |          |                                     |               |              |  |          |              |          |                 |
|       | 101                                    |          |                                     |               |              |  |          |              |          |                 |
|       | 101<br>102                             |          |                                     |               |              |  |          |              |          |                 |
|       | 103                                    |          |                                     |               |              |  |          |              |          |                 |
|       | 104                                    |          |                                     |               |              |  |          |              |          |                 |
|       | 104<br>105                             |          |                                     |               |              |  |          |              |          |                 |
|       | 106                                    |          |                                     |               |              |  |          |              |          |                 |
|       | 107                                    |          |                                     |               |              |  |          |              |          |                 |
|       | 108<br>109                             |          |                                     |               |              |  |          |              |          |                 |
|       | 109                                    |          |                                     |               |              |  | _        |              |          |                 |
|       | 110                                    |          |                                     | <u>_</u>      |              |  |          |              |          |                 |
|       | 111                                    |          | _                                   |               |              | _  |          |              |          | Ц               |
|       | 112                                    |          |                                     |               | _            | _  |          |              |          | Щ               |
|       | 113                                    |          |                                     |               |              | <u> </u>   | Ш        |              |          | Ш               |
|       | 110<br>111<br>112<br>113<br>114<br>115 | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>      | <u> </u>     | <u> </u>   | <u> </u> | ļ            | L        | Щ               |
|       | 115                                    |          | $\sqsubseteq$                       |               | <u> </u>     | <u> </u>   |          | L_           | L_       | Щ               |
|       | 116                                    | Ш        | oxdot                               | <u> </u>      | <u> </u>     | <u> </u>   | Щ        | <u> </u>     | Щ.       | Ш               |
|       | 117                                    |          |                                     | _             | _            | <u> </u>   | _        |              |          | Ш               |
|       | 118<br>119                             |          |                                     | <u> </u>      | _            | <u> </u>   | <u> </u> |              | _        | Ш               |
|       | 119                                    | _        |                                     |               | _            | $\vdash$   | _        |              |          | Ш               |
|       | 120<br>121<br>122                      |          |                                     | _             | _            | _  | _        |              |          | Щ               |
|       | 121                                    |          |                                     | <u> </u>      | _            | <u> </u>   |          | _            | _        | Ш               |
|       | 122                                    |          | Ш                                   | <u> </u>      | L            |  |          |              |          | Н               |
|       | 123                                    |          | _                                   |               | <u> </u>     | _  | _        |              |          |                 |
|       | 123<br>124<br>125                      |          |                                     | _             | <u> </u>     | _  | _        | _            | _        | $\dashv$        |
|       | 125                                    |          |                                     | H             | -            | <u> </u>   | _        |              | <u> </u> | Н               |
|       | 120                                    |          |                                     | <u> </u>      |              | _  | _        | _            | <u> </u> | Н               |
|       | 126<br>127<br>128                      | _        |                                     | <u> </u>      |              | <u> </u>   |          |              |          | $\dashv$        |
|       | 120                                    | _        | _                                   | -             | -            | _  |          |              |          | $\dashv$        |
|       | 129<br>130<br>131                      | _        | _                                   | -             | -            | _  |          |              |          |                 |
|       | 130                                    | _        |                                     | _             | <u> </u>     | -  | -        | _            | _        |                 |
|       | 131                                    |          |                                     |               | _            |  |          |              |          | $\dashv$        |
|       | 132<br>133                             |          | _                                   |               | -            | _  |          |              |          | $\dashv$        |
|       | 124                                    | <u> </u> | <u> </u>                            | $\vdash$      | <u> </u>     | ⊢  |          | <del>-</del> | <u> </u> | $\vdash\dashv$  |
|       | 134<br>135                             | -        | $\vdash$                            | <del>  </del> | <del> </del> | <del> </del>                                     | H        | <del>-</del> | $\vdash$ | Н               |
|       | 136                                    |          | _                                   |               |              | _  | -        | -            | -        | $\dashv$        |
|       | 137                                    | _        | _                                   | -             | _            | $\vdash$   | H        | -            | _        | $\dashv$        |
|       | 137<br>138                             |          | -                                   | _             |              | $\vdash$   | _        |              |          | Н               |
|       | 139                                    | _        | _                                   |               | $\vdash$     | $\vdash$   | $\vdash$ | -            | $\vdash$ | Н               |
|       | 140                                    |          |                                     |               | _            | ┢  | $\vdash$ |              | $\vdash$ | Н               |
|       | 141                                    |          |                                     | $\vdash$      | _            | H  | $\vdash$ | _            | $\vdash$ | Н               |
|       | 142                                    | -        | -                                   | $\vdash$      | $\vdash$     | 一  | $\vdash$ | ┢            | $\vdash$ | Н               |
|       | 143                                    | Ε-       |                                     |               | <b>-</b>     | <u> </u>   | Т        | Η-           | $\vdash$ | $\vdash \vdash$ |
|       | 144                                    | П        |                                     | $\Box$        | <u> </u>     | m  | l        | Г            | <u> </u> | $\vdash \vdash$ |
|       | 145                                    |          |                                     |               |              | <del>                                     </del> | Т        | <u> </u>     | 1        | Н               |
|       | 146                                    |          | Г                                   | $\vdash$      |              | Т  |          | Г            | Г        | Н               |
|       | 147                                    | П        |                                     |               |              | Г  |          | Т            |          | М               |
|       | 148                                    |          |                                     |               | Г            |  |          | Г            | <u> </u> | П               |
|       | 149                                    |          |                                     | <u> </u>      |              |  |          |              |          | П               |
|       | 150                                    |          |                                     |               |              |  |          |              |          |                 |
|       |  | _        |                                     |               |              |  |          |              |          |                 |